

proteins were isolated.

Add new claims 50-60, as follows.

50. An isolated nucleic acid molecule comprising a nucleotide sequence encoding an operon protein, which operon protein is the Regulator (REG) protein of the R. corallina ohp operon or a modification thereof.
51. A nucleic acid molecule as claimed in claim 50 wherein the nucleotide sequence encodes the amino acid sequence shown in Fig. 4 from initiator codon 295 to terminator codon 1035.
52. A nucleic acid molecule as claimed in claim 51 wherein the nucleotide sequence is shown in Fig. 4 from initiator codon 295 to terminator codon 1035.
53. A nucleic acid molecule as claimed in claim 50 wherein the nucleotide sequence is at least 90% identical to the one shown in Fig. 4 from initiator codon 295 to terminator codon 1035.
54. A nucleic acid as claimed in claim 50 further comprising an inducible promoter region of the nucleotide sequence encoding the R. corallina ohp operon described in Fig. 3 wherein the Regulator (REG) protein controls transcriptional initiation of said inducible promoter region.

*D4
cancel*

55. A nucleic acid as claimed in claim 54 wherein the promoter region is the *ohp* promoter region which lies between genes *orfR* regulatory gene (terminator codon 1035) and *orfT* transport (initiator codon 1450) shown in Fig. 4 or is a modified inducible promoter region which is at least 90% identical to said *ohp* promoter region.

*Sub
FI*

56. A vector comprising the nucleic acid of claim 50.

*Sub
B
cancel*

57. A vector as claimed in claim 50 comprising one or more of the following: *luxAB* signal genes; *sacB* gene; antibiotic resistance; RP4/RK2 mobilizing elements.

58. A method of transforming a host cell comprising use of a vector as claimed in claim 56.

59. A host transformed with the vector of claim 56.

60. A host transformed with the vector of claim 32.

Cancel claims 1-29, 36 and 38-48.

A marked-up version of amended claims 30, 32, 33, 35 and 37 is attached.

REMARKS

In accordance with the present amendments, existing claims 26-29 have been replaced by new claims 50-55. The submission of new claims 50-55 is in keeping with the foregoing